

# General Architecture

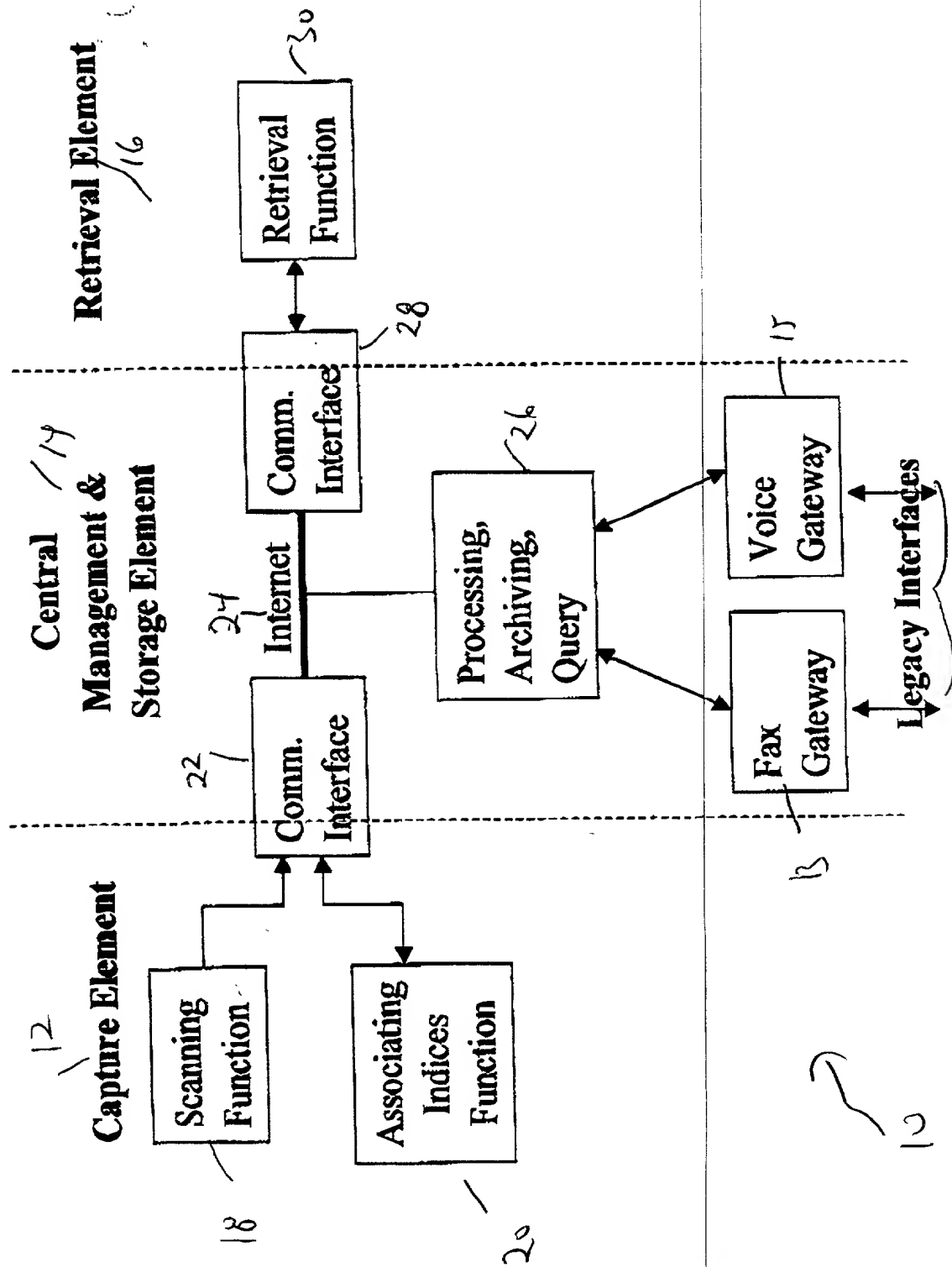


FIG. 1

# Scanning Schemes

FIG. 2A



FIG. 2B

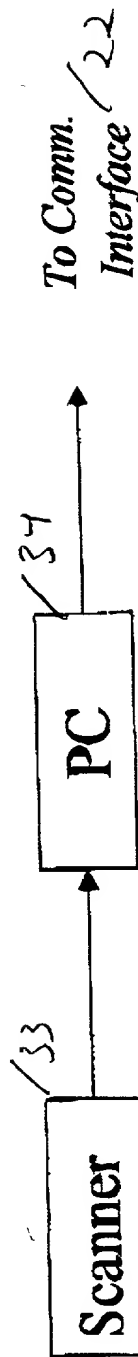


FIG. 2C



FIG. 2D



FIG. 2E



FIG. 2F

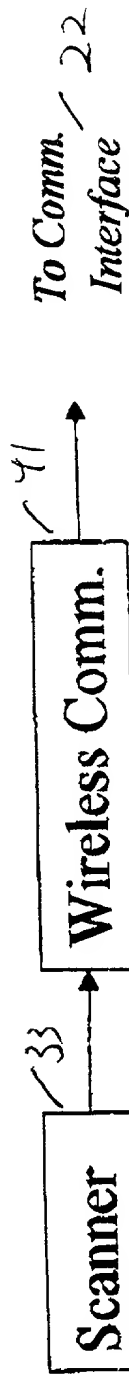


FIG. 2G



# Embedded Appliance

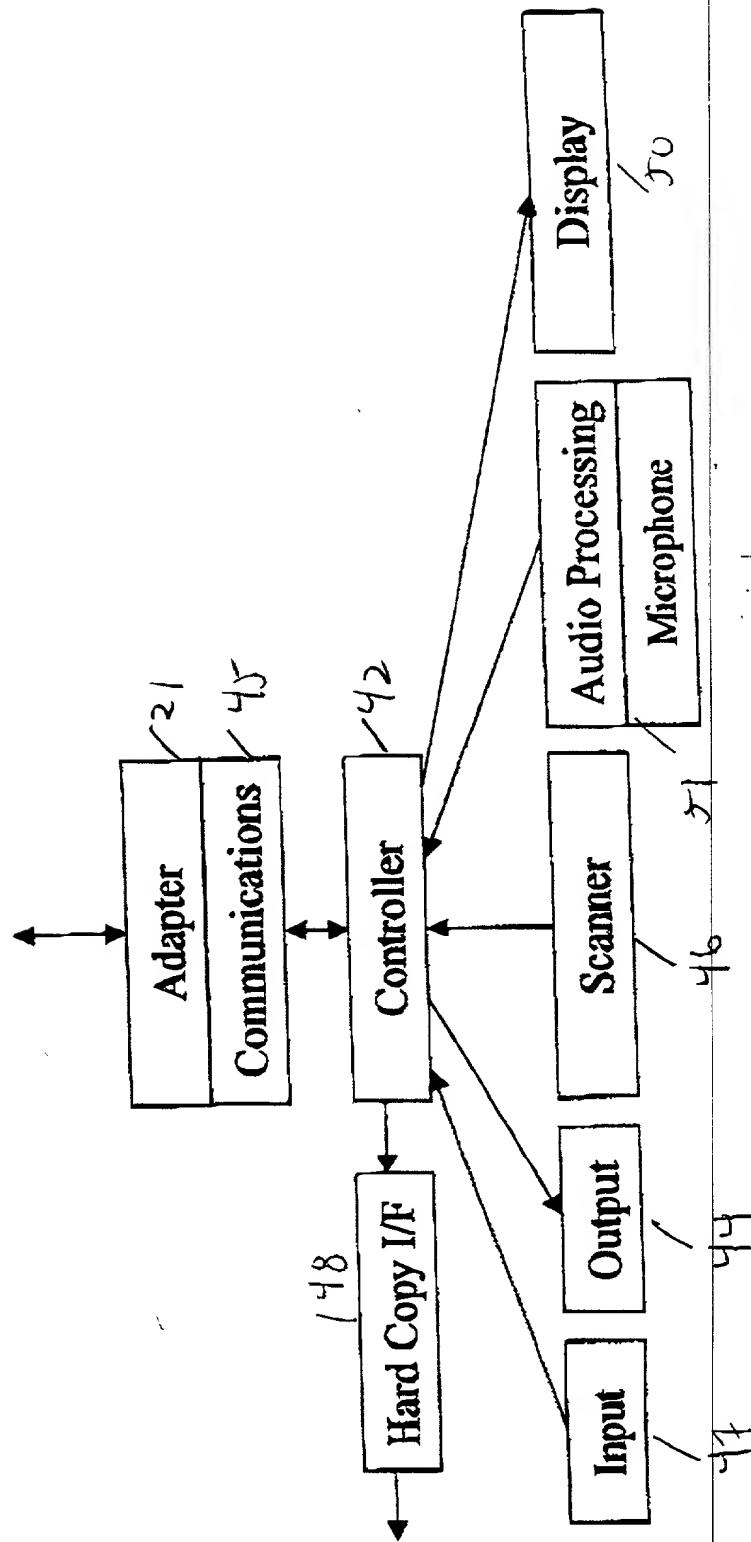


FIG. 3

# Schemes for Associating Indices

Typical Implementation – Embedded Data

*P/O Central Management & Storage*

## Keywords

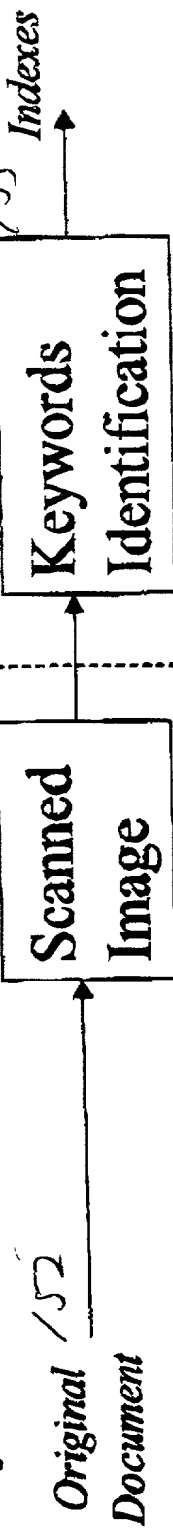


FIG. 4A

## Highlighting

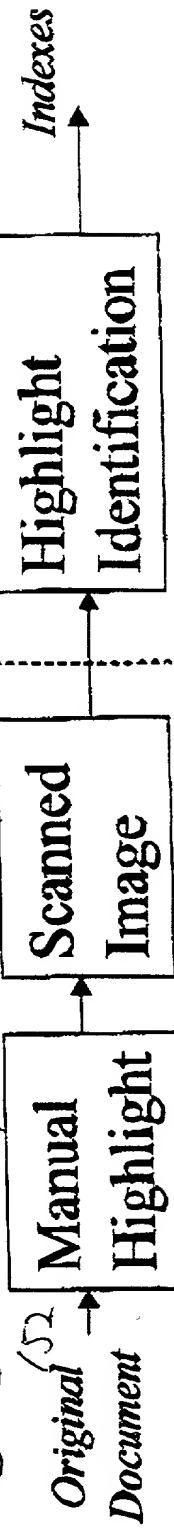


FIG. 4B

## Location

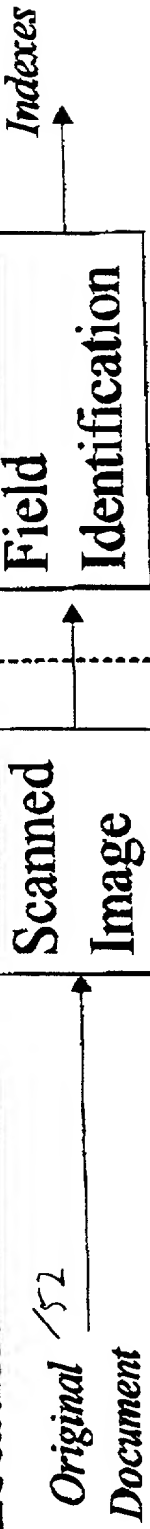


FIG. 4C

# Schemes for Associating Indices

## Typical Implementation – Auxiliary Data (1)

### Manual Keying

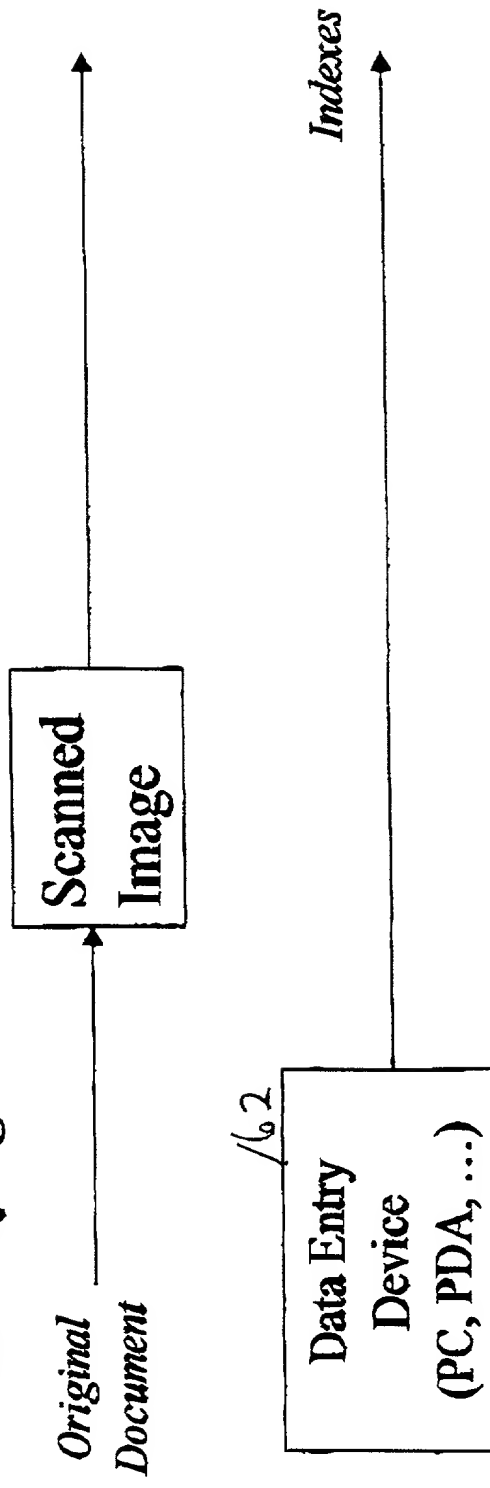


FIG-5A

# Schemes for Associating Indices

## Typical Implementation – Auxiliary Data (2)

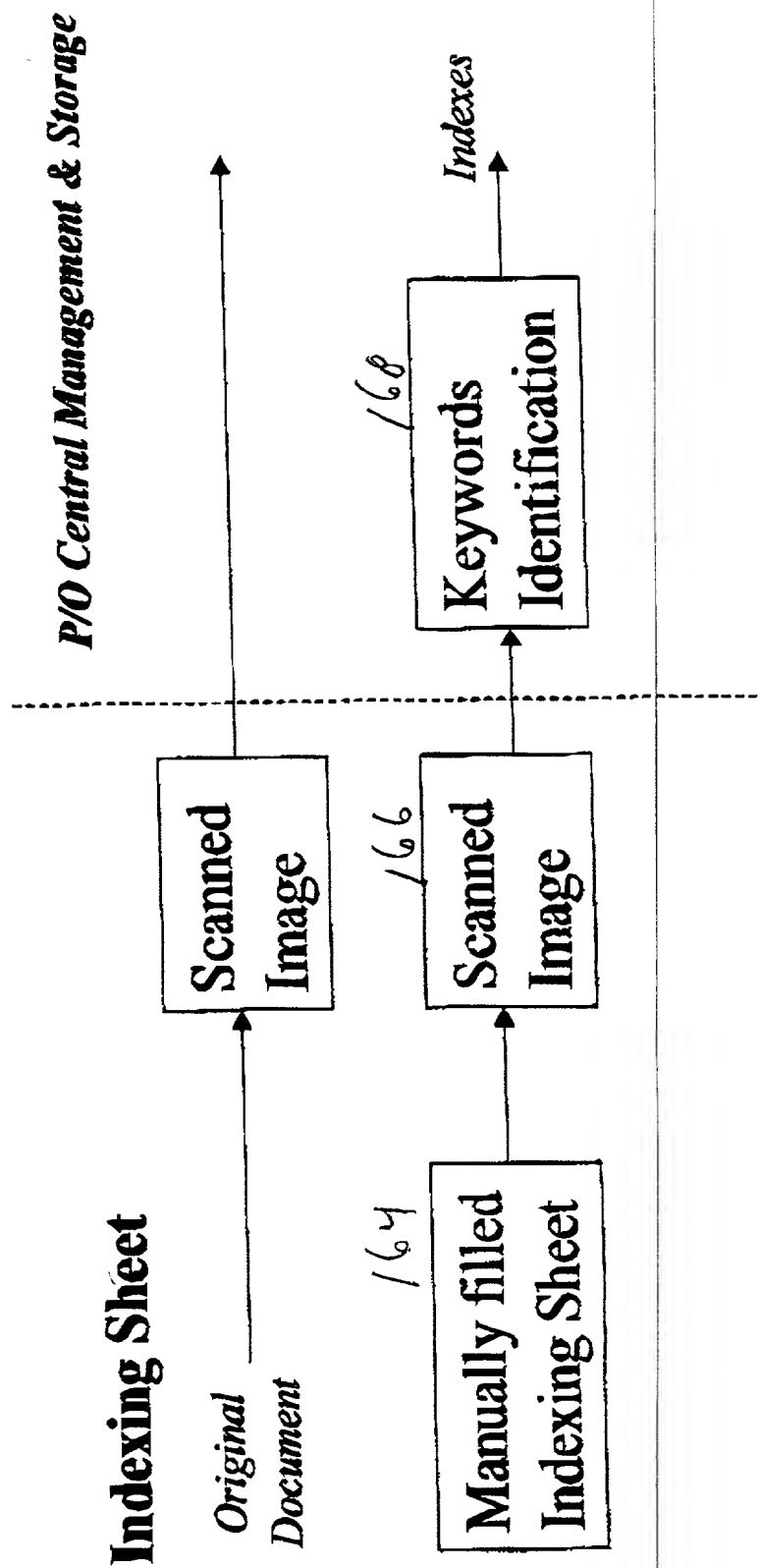


Fig. 8B

# Schemes for Associating Indices

## Typical Implementation – Auxiliary Data (3)

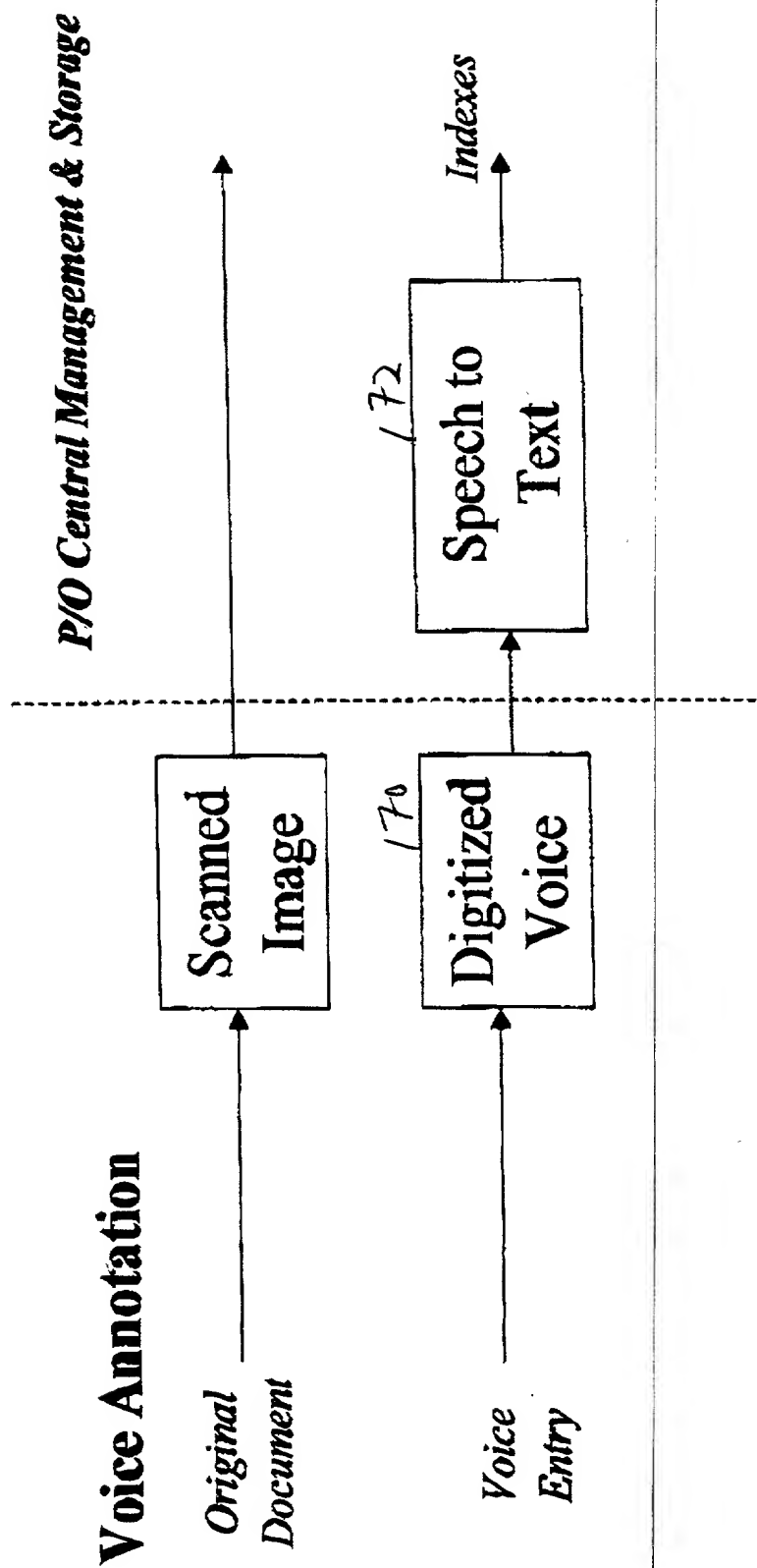


FIG 5C

# Schemes for Associating Indices

## Typical Implementation – Menu Driven

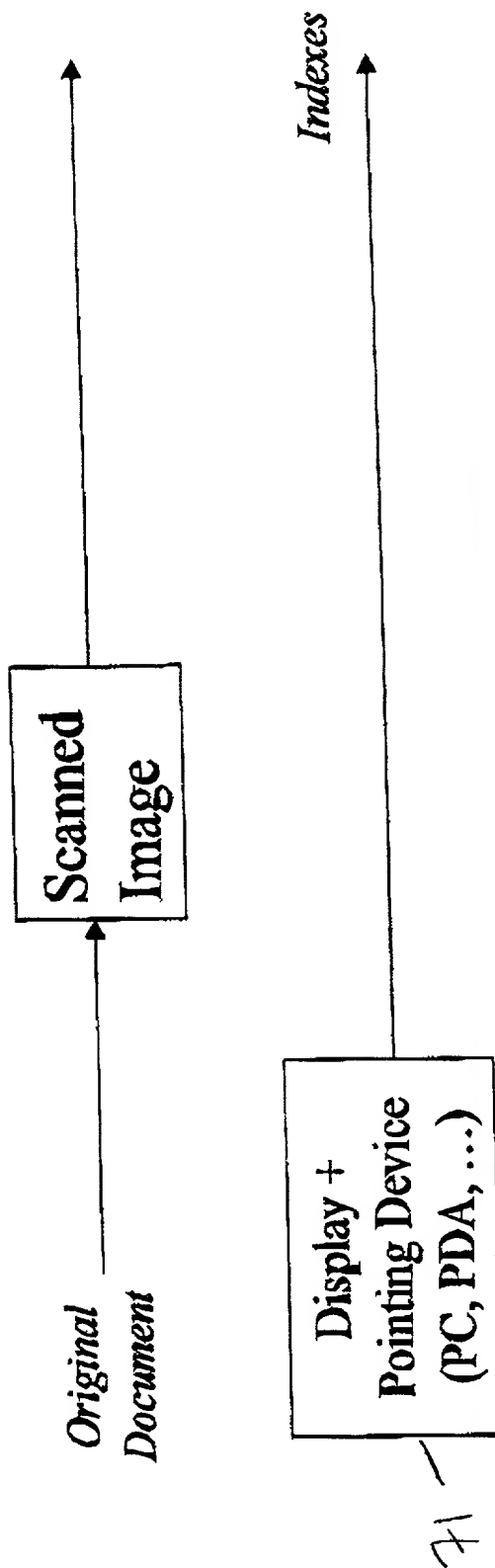


FIG. 6



# Schemes for Associating Indices

Typical Implementation - Off Line

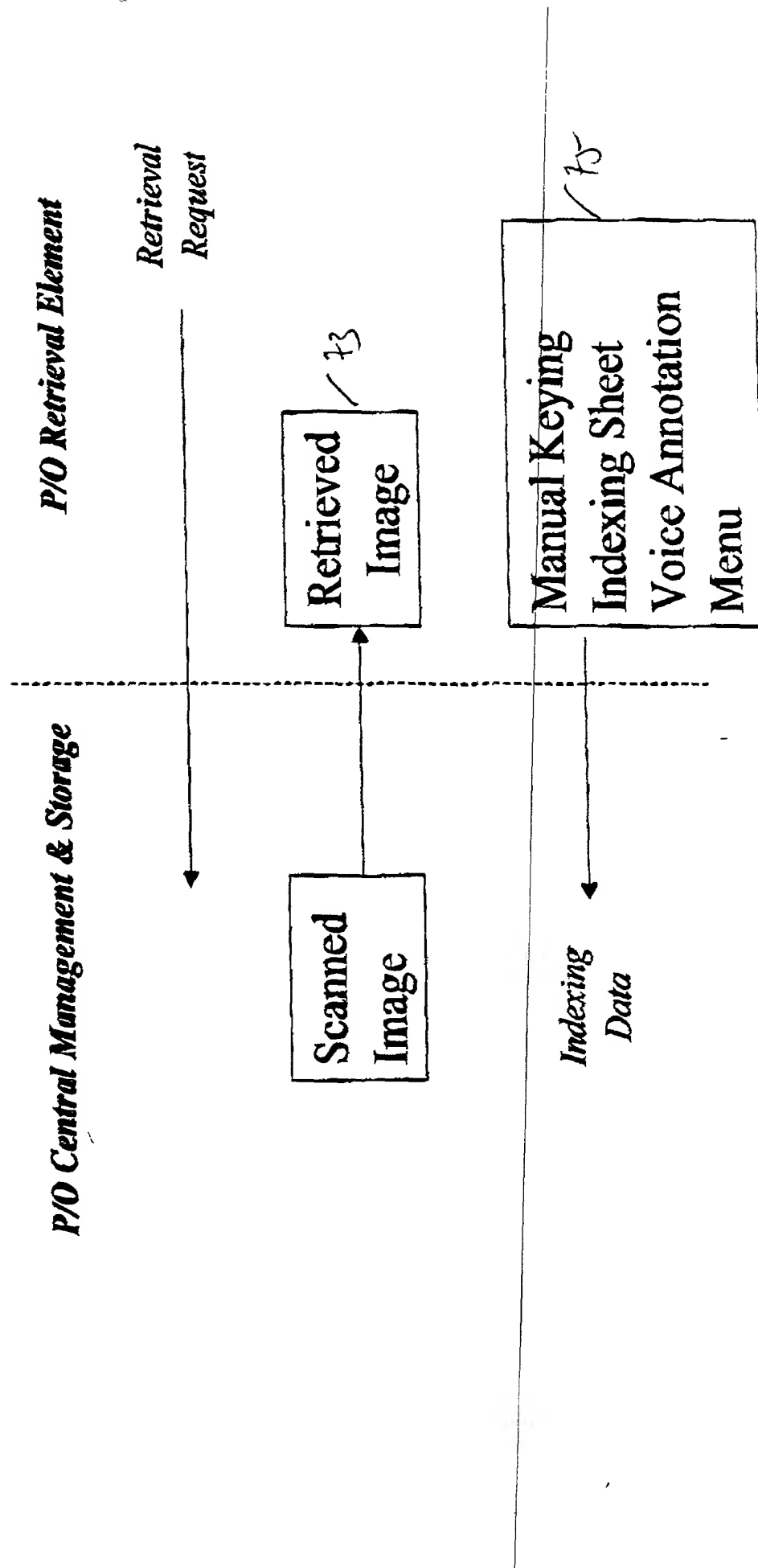


FIG. 7

# Retrieval Process

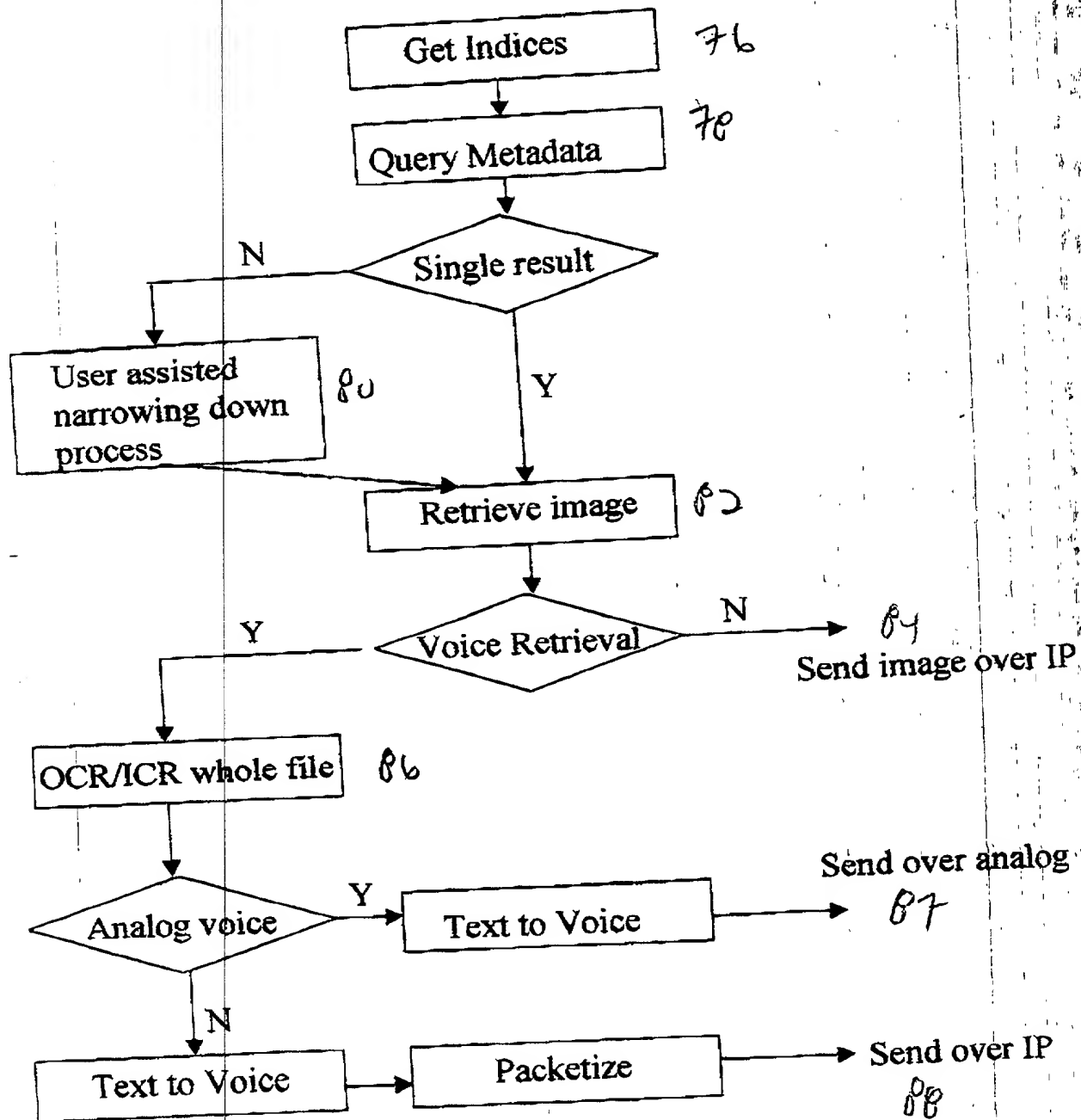


FIGURE 8

# Retrieval Schemes

